

IN THE CLAIMS:

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pl
1. A fuel cell comprising:
a joint body produced by interposing an electrolyte member between a pair of electrodes;
a separator which the joint body ~~which holds the joint body~~;
a plurality of projections projecting from a bottom of the separator; and
a rib portion which divides an area where the projections project into a plurality of regions and forms a fluid passage for fluid which flow through the separator, wherein the plurality of regions communicate with each other.
 2. A fuel cell according to claim 1, wherein the fluid includes supplying gas. ~~13~~
 3. A fuel cell according to claim 1, wherein the fluid includes a coolant. ~~13~~
 4. A fuel cell according to claim 1, wherein at least of the portion of the manifold is bent. ~~13~~
 5. A fuel cell according to claim 1, wherein the rib portion comprising at least one rib piece.
 6. A fuel cell according to claim 5, wherein the fluid includes supplying gas. ~~13~~
 7. A fuel cell according to claim 5, wherein the fluid includes a coolant. ~~13~~
 8. A fuel cell according to claim 5, wherein a width of a turning section of the fluid passage defined by the rib piece is narrower than a width of the fluid passage.
 9. A fuel cell according to claim 8, wherein the fluid includes supplying gas. ~~13~~
 10. A fuel cell according to claim 8, wherein the fluid includes a coolant. ~~13~~
 11. A fuel cell according to claim 1, wherein the width of each of regions is different.
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12. A fuel cell according to claim 11, wherein the width of the regions near an inlet portion of the fluid is wider than the width of the regions near an outlet portion of the fluid.

13. A fuel cell according to claim 12, wherein the fluid includes supplying gas.

14. A fuel cell according to claim 12, wherein the fluid includes a coolant.

15. A fuel cell according to claim 1, wherein number of the projections arranged in each of the regions is different.

16. A fuel cell according to claim 15, wherein the number of the projections arranged in the regions near an inlet portion of the fluid is greater than the number of the regions near an outlet portion of the fluid.

17. A fuel cell according to claim 16, wherein the fluid includes supplying gas.

18. A fuel cell according to claim 16, wherein the fluid includes a coolant.

19. A fuel cell comprising:

a joint body produced by interposing an electrolyte member between a pair of electrodes; and

a gas passage of supply gas, the gas passage being formed of a linear groove, at least a portion of which is bent into a semicircular shape, wherein an inwardly curved portion is formed on an inside of the gas passage and extends to the inside of the gas passage, and wherein the size of the curved portion formed in the gas passage varies in accordance with a variation in a total amount of supply gas and vapor produced by the joint body and diffused in the gas passage.